

PULSARGUARD 2010 SERIES

Technical Specifications:

The PulsarGuard acoustic sensor range offers reliable solids flow detection. It detects and reacts instantly to changes in solids flow and warns of blockages and foreign objects, high-flow, low-flow or no-flow conditions, and can detect pigs within the process.

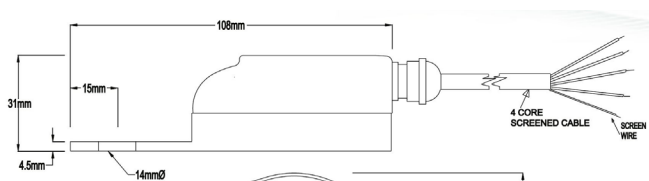


PULSARGUARD 2010 ACOUSTIC SENSOR SERIES

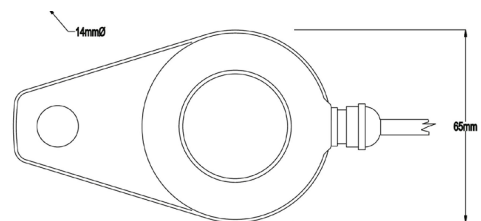
Model:	Use:	Operating Temperature:	Power Supply:
2010:	Standard	-40 °C to +85 °C (-40 °F to +185 °F)	23-30 V DC
2015:	High-temperature environments	-40 °C to +125 °C (-40 °F to +257 °F)	23-30 V DC
2011G	Galvanically isolating barriers only. Intrinsically safe earth is not required. Identified by "G" stamped on the mounting tab	-40 °C (-40 °F) to +40 °C/+104 °F (EEx ia IIC T6) / to +92 °C/+197.6 °F (E Ex ia IIC T4)	23-30 V DC
2011Z	Zener barriers only. Intrinsically safe earth connection required. Identified by "Z" stamped on the mounting tab	-40 °C (-40 °F) to +40 °C/+104 °F (EEx ia IIC T6) OR to +92 °C/+197.6 °F (EEx ia IIC T4)	24-26 V DC

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Detection Frequency:	100 to 600 kHz
Analog Output:	0-10 V DC
Cable:	4 m of 4 core shielded 24 AWG
Ingress Protection:	IP68 (NEMA 4)
Sensor Mounting:	Tab with 14 mm hole (0.55 in)
Construction:	Cap and base housing in 316 stainless steel
Weight:	640 g (1.41 lb) (includes cable)
Size:	125 mm long (4.92 in)
Electrical Connection:	4 core screened value
CE Approval:	See EC Declaration of Conformity in the manual



PulsarGuard 2010 side drawing



PulsarGuard 2010 top drawing